503813421 05/05/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3860069

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TRAVIS BAUGHMAN	04/13/2016
ROBIN ELISABETH MARIA JACOBUS DAENEN	02/29/2016
ALEXANDER ANTONIUS MARIE STROEKS	04/13/2016
FRANCISCUS JOHANNES MARIE DERKS	02/29/2016
PIETER GIJSMAN	02/29/2016

RECEIVING PARTY DATA

Name:	DSM IP ASSETS B.V.
Street Address:	PATENT DEPARTMENT, HET OVERLOON 1
City:	HEERLEN
State/Country:	NETHERLANDS
Postal Code:	NL-6411

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14914414

CORRESPONDENCE DATA

Fax Number: (703)816-4100

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-816-4000

Email: PTOMAIL@nixonvan.com
Correspondent Name: BRYAN H. DAVIDSON
Address Line 1: NIXON & VANDERHYE, PC

Address Line 2: 901 NORTH GLEBE ROAD, 11TH FLOOR

Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	BHD-4662-3181
NAME OF SUBMITTER:	BRYAN H. DAVIDSON
SIGNATURE:	/BRYAN H. DAVIDSON/
DATE SIGNED:	05/05/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT 503813421 REEL: 038476 FRAME: 0127

Total Attachments: 5 source=4662-3181_Executed_Declaration_and_Assignment#page1.tif source=4662-3181_Executed_Declaration_and_Assignment#page2.tif source=4662-3181_Executed_Declaration_and_Assignment#page3.tif source=4662-3181_Executed_Declaration_and_Assignment#page4.tif

source=4662-3181_Executed_Declaration_and_Assignment#page5.tif

PATENT REEL: 038476 FRAME: 0128 Doc code: Oath

Inventor's Signature:

Document Description: Oath or declaration filed Attorney Docket Number BHD-4662-3181 First Named Inventor BAUGHMAN, Travis INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) HIGH-HEAT DELIVERY DEVICE (Title of the Invention) As a below named inventor, I hereby declare that: This declaration is directed to: the attached application, or United States Application Number 14/914,414 filed February 25, 2016, or PCT International application number filed on The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6411, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10,00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention; ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. AGREED and executed as noted below: LEGAL NAME OF INVENTOR/JOINT INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)

BAUGHMAN

13 April 2016

REEL: 038476 FRAME: 0129

Doc code: Oath Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3181

	First Nar	med inventor	BAUGHMAN, Travis
INVENTOR'S DECLARATION AND AS USING	SIGNMENT FOR UTILITY OR DESIGI NN APPLICATION DATA SHEET (37 (PLICATION (37 CFR 1.63)
Declaration Submitted With Initial Fili	the state of the s		
Declaration Submitted After Initial Fill	ng (surcharge (37 C.F.R. § 1.16(f)) req	uired)	
}	IIGH-HEAT DELIVERY DEVICE		
1	(Title of the Invention)	***************************************	
As a below named inventor, I hereby dec	are that:		
This declaration is directed to: the attached application, or United States Application Number 14 PCT International application number	914,414 filed February 25, 2016, or filed on		
The above-identified application was made or	authorized to be made by me.		
I believe I am the original inventor or an origin	al joint inventor of a claimed invention in the	application.	
I hereby acknowledge that any willful false sta by fine or imprisonment of not more than five		de under 18 U.S.	C. 1001
WHEREAS, the undersigned (hereinafter ASS	IGNOR), has made an invention in the App	lication identified	above.
WHEREAS, DSM IP Assets B.V. (hereinatter Overloon 1, Heerlen, Netherlands NL-6411, is	ASSIGNEE), an entity, having an office and desirous of acquiring an interest therein;	place of busines	s at Palent Department, Het
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives. ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;			
ASSIGNOR hereby agrees to transfer a like in representatives, and without further remunera of or related to the said invention;			
ASSIGNOR hereby agrees to execute any parto ASSIGNEE'S full protection and title in and		, and legal repre	sentatives, deemed essential
ASSIGNOR hereby agrees, upon request of A ASSIGNEE, for the filing and granting of foreign			
AGREED and executed as noted below	*		
LEGAL NAME OF INVENTOR/JOINT INVEN (E.g., Given Name (first and middle (if any)) a	그는 존대에 하는 사람들은 사람들이 되었다.		
Robin	Elisabeth Maria Jacobus		DAENEN
Inventor's Signature	20000000 Adamania	Date: 2일 -	2-2016

I/We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3181
First Named Inventor BAUGHMAN, Travis

	Fast Named Invantor DACCI Invant	, 112312	
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)			
	Declaration Submitted With Initial Filing		
O.	OR ☑ Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required)		
	HIGH-HEAT DELIVERY DEVICE	1	
L	(Title of the Invention)		
Ac	As a below named inventor, I hereby declare that:		
This declaration is directed to:			
	the attached application, or United States Application Number 14/914,414 filed February 25, 2016, or PCT International application number filed on	***************************************	
Th	The above-identified application was made or authorized to be made by me.		
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.			
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.			
WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6411, is desirous of acquiring an interest therein;			
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;			
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;			
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and			
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.			
	AGREED and executed as noted below:		
Le	Legal Name of Additional Joint Inventor, if any:		
	(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Alexander Antonius Marie STROEKS		
	Inventors Signature: Date: April 13, 201	Ь	
ō			

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 CFR §1.56.

Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number BHD-4662-3181 First Named Inventor BAUGHMAN, Travis INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) **USING AN APPLICATION DATA SHEET (37 CFR 1.76)** Declaration Submitted With Initial Filing OR Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) required) HIGH-HEAT DELIVERY DEVICE (Title of the Invention) As a below named inventor, I hereby declare that: This declaration is directed to: the attached application, or United States Application Number 14/914,414 filed February 25, 2016, or PCT International application number filed on The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above. WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6411, is desirous of acquiring an interest therein; NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention: ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention; ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE. AGREED and executed as noted below: Legal Name of Additional Joint Inventor, if any: (E.g., Given Name (first and middle (if any)) and Family Name or Surname) Johannes Marie Franciscus **DERKS** loventor's Date: Signature: 29-2-2016

Doc code: Oath Document Description: Oath or declaration filed

RECORDED: 05/05/2016

Attorney Docket Number BHD-4662-3181 BAUGHMAN Travis

) Frat Na	HEO HABIRDI	unda minis, travis	
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGUENCE USING AN APPLICATION DATA SHEET (37	N PATENT APP CFR 1.76)	LICATION (37 CFR 1.63)	
Declaration Submitted With Initial Filing OR			
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.16(f)) rec	luired)		
HIGH-HEAT DELIVERY DEVICE			
(Title of the Invention)			
As a below named inventor, I hereby declare that:			
This declaration is directed to: the attached application, or United States Application Number 14/914,414 filed February 25, 2016, or PCT International application number filed on			
The above-identified application was made or authorized to be made by me.			
I believe I am the original inventor or an original joint inventor of a claimed invention in the	e application.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.			
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the App	olication identified	above.	
WHEREAS, DSM IP Assets B.V. (hereinafter ASSIGNEE), an entity, having an office and place of business at Patent Department, Het Overloon 1, Heerlen, Netherlands NL-6411, is desirous of acquiring an interest therein;			
NOW, THEREFORE, in consideration of Ten Dollars (\$10.00) and/or other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;			
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ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and			
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing and granting of foreign applications and the perfecting of little thereto in ASSIGNEE.			
AGREED and executed as noted below:			
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Piotor		GIJSMAN	
Inventor's Signature:	Date: 27-0	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	

PATENT

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